

### **Amendments to the Specification**

Please replace the paragraph beginning at page 1, line 6, with the following rewritten paragraph:

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--This application is related to U.S. Patent Application Serial No. 10/795,688,  
\_\_\_\_\_, attorney docket no. 10040077-1, filed March 8, 2004, and  
entitled APPARATUS FOR CONTROLLING THE POSITION OF A SCREEN  
POINTER THAT DETECTS DEFECTIVE PIXELS; and U.S. Patent Application  
10 Serial No. 10/806,367, \_\_\_\_\_, attorney docket no. 10040349-1, filed on  
the same date as the present application, and entitled CONTAMINANT-  
RESISTANT OPTICAL MOUSE AND CRADLE.--

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Please replace the paragraph beginning at page 13, line 10, with the following rewritten paragraph:

--There are several techniques that may be used by defective pixel detector 511 to  
identify defective pixels, including techniques described in co-pending application  
20 U.S. Patent Application Serial No. 10/795,688, \_\_\_\_\_, attorney docket  
no. 10040077-1, filed March 8, 2004, and entitled APPARATUS FOR  
CONTROLLING THE POSITION OF A SCREEN POINTER THAT DETECTS  
DEFECTIVE PIXELS, and described below, as well as other techniques. In one  
embodiment, defective pixel detector 511 includes a memory 526 for storing an  
25 adaptive pixel history 528 for each of the pixels in photo array 114. In one form  
of the invention, the adaptive history 528 includes, for each pixel, the time since  
the last change in value of the pixel. In one embodiment, pixels that have not  
changed in value for a threshold period of time (defective pixel threshold) are  
identified by detector 511 as being defective, and are not used in the navigation  
30 computation by navigation processor 508, effectively removing the defective  
pixels from the correlation.--